

PATENT ABSTRACTS OF JAPAN

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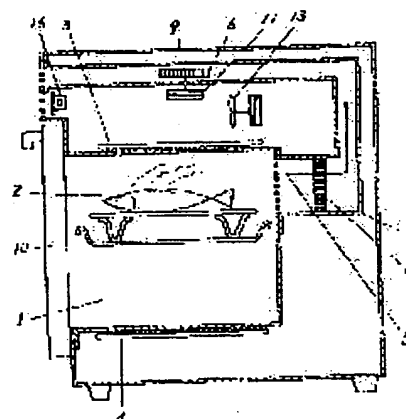
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(54) HEATING COOKER

(57)Abstract:

PURPOSE: To prevent users from receiving an unpleasant feeling from the exhaust air coming out of a heating chamber and from the danger of suffering a burn when he opens a door after heating for cooking is finished by a method wherein a forced exhaust device for forcibly discharging air from a heating chamber and an exhaust purification device provided in a flue for purifying exhaust air by an exhaust purification catalyst are made to operate for a predetermined time even after heating for cooking is finished.

CONSTITUTION: When food 2 in a heating chamber is heated for cooking, the exhaust air 5 containing soot or the like produced from the food 2 is forcibly discharged by a sirocco fan 6 from inside of the heating chamber 1 through a flue 7 to the outside of a main body 9. When the exhaust air 5 passes through an exhaust purification catalyst 8, organic matter in the exhaust air is thereby decomposed and oxidized for purification. Even after cooking is finished, the sirocco fan 6 is operated to pass the exhaust air 5 through the exhaust purification catalyst 8 for purification, after which it is discharged to the outside of the main body 9. As a result, the inside of the heating chamber 1 is made free from the soot or the like and, even when the user opens a door 10 to take out the heated food 2, he does



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not receive any unpleasant feeling therefrom and also the indoor air and the heating chamber can be kept clean. Moreover, the temperature of the exhaust air 5 in the heating chamber 1 falls and there is no concern that it may cause a burn to the user.

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